Accepted Manuscript

Title: Peculiar synergetic effect of MoS₂ quantum dots and graphene on Metal-Organic Frameworks for photocatalytic hydrogen evolution

Authors: Xuqiang Hao, Zhiliang Jin, Hao Yang, Gongxuan

Lu, Yingpu Bi

PII: S0926-3373(17)30270-9

DOI: http://dx.doi.org/doi:10.1016/j.apcatb.2017.03.057

Reference: APCATB 15540

To appear in: Applied Catalysis B: Environmental

Received date: 4-1-2017 Revised date: 4-3-2017 Accepted date: 19-3-2017

Please cite this article as: Xuqiang Hao, Zhiliang Jin, Hao Yang, Gongxuan Lu, Yingpu Bi, Peculiar synergetic effect of MoS2 quantum dots and graphene on Metal-Organic Frameworks for photocatalytic hydrogen evolution, Applied Catalysis B, Environmentalhttp://dx.doi.org/10.1016/j.apcatb.2017.03.057

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Peculiar synergetic effect of MoS_2 quantum dots and graphene on Metal-Organic Frameworks for photocatalytic hydrogen evolution

Xuqiang Hao^{a,c}, Zhiliang Jin^{a*}, Hao Yang^a, Gongxuan Lu^b and Yingpu Bi^b

^aSchool of Chemistry and Chemical Engineering, Beifang University of Nationalities, Yinchuan 750021, P.R.China ^bState Key Laboratory for Oxo Synthesis and Selective Oxidation, Lanzhou Institute of Chemical Physics, Chinese Academy of Science, Lanzhou 730000, P.R.China

^cSchool of Chemistry and Chemical Engineering, Nanjing University, Nanjing 210023, P.R.China

*Corresponding author.

Emil address: zl-jin@nun.edu.cn

Download English Version:

https://daneshyari.com/en/article/4756121

Download Persian Version:

https://daneshyari.com/article/4756121

<u>Daneshyari.com</u>